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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/078,647	02/19/2002	Jeffrey L. Sears	P05466US0 and 096-01-0411	6710
27139	7590	07/11/2005	EXAMINER	
MCKEE, VOORHEES & SEASE, P.L.C. ATTN: MAYTAG 801 GRAND AVENUE, SUITE 3200 DES MOINES, IA 50309-2721			STINSON, FRANKIE L	
			ART UNIT	PAPER NUMBER
			1746	

DATE MAILED: 07/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/078,647

Applicant(s)

SEARS ET AL.

Examiner

FRANKIE L. STINSON

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

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1. The Final rejection dated March 25, 2005 is hereby withdrawn, in view of the newly discovered patent to Denisar.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over either Beldham (U. S. Pat. No. 4,981,024) or Japan'292 (Japan 8-229292) in view of Denisar (U. S. Pat. No. 5,870,906).

Re claims 1 and 9, Beldham and Japan'292 disclose a washing machine/method comprising a tub for holding laundry (typical), a detergent reservoir (S1-S4 in Beldham; 13 in Japan'292), a control panel to control the operation on the machine, a monetary payment means (not shown) to sense payment, operatively connected to the control panel, and a pump means to automatically pump detergent from the reservoir to the tub, that differs from the claim only in the recitation of the selection of a quantity of detergent corresponding to the monetary payment. The patent Denisar is each disclosing in a coin-operated dispensing system (see col. 2, line 62 through col. 3, line 3), that it is old and well known to provide an arrangement of dispensing a selected product quantity/volume corresponding to the payment or money deposited. It therefore would have been obvious to one having ordinary skill in the art to modify the device of either

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Beldham or Japan'292 to have the quantity/volume of selected detergent pumped to the washing machine, correspond to the payment as taught by Denisar, for the purpose of ensuring that the consumer/user gets the proper amount of detergent for the proper payment and for the amount of the load being treated. Re claim 2, Beldham and Japan'292 disclose the payment made with coins. Claims 3 and 12 define over the applied prior art only in the recitation of the payment being made with a debit card. It is old and well known to provide payment through a card or actual cash and the use of a card is clearly deemed to be a substitution of equivalents (as per MPEP 2144.06). Re claims 4 and 14, Beldham, Japan'292 and Denisar disclose the selected quantity being less than the volume of the reservoir. Re claim 5, Beldham and Japan'292 disclose the pumping of the detergent. Re claim 6-8, to make a second payment for a second additive is deemed to be an obvious extension of the teachings of either Beldham or Japan'292, in that it is inherent to employ a plurality of additives to the laundry, all of which must be measured in accordance with the manufacture's operation/owner's manual. Re claims 10 and 11, since Beldham and Japan'292 each employ a coin-activated washing machine, the coin/currency sensor is deemed to be inherent. This is also applicable to the coin-operated switch as claimed in claim 13. Re claim 15, Beldham and Japan'292 disclose the additive pump and the transfer of additive corresponding to the monetary payment as proposedly modified.

4. Applicant's arguments with respect to claims 1-15 have been considered but are moot in view of the new ground(s) of rejection.


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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to FRANKIE L. STINSON whose telephone number is (571) 272-1308. The examiner can normally be reached on M-F from 5:30 am to 2:00 pm and some Saturdays from approximately 5:30 am to 11:30 am.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Barr, can be reached on (571) 272-1700. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

fls

  
FRANKIE L. STINSON  
Primary Examiner  
GROUP ART UNIT 1746